



IN THE SPECIFICATION:

Please AMEND the Abstract as shown below:

-- A computer-implemented method for determining cluster ~~centres~~centers in a first data structure, wherein the first data structure comprises a lattice structure of weight vectors that create an approximate representation of a plurality of input data points. The method ~~comprises~~can include performing a first iterative process (81)-for iteratively updating the weight vectors such that they move toward cluster ~~centres~~centers;

performing a second iterative process (82)-for iteratively updating a second data structure utilizing results of the iterative updating of the first data structure; and determining the weight vectors that correspond to cluster ~~centres~~centers of the input data points on the basis of the second data structure. --